

WE CLAIM:

1 1. An apparatus for heating or cooling a fluid in
2 flexible tubing, the apparatus comprising:

3 a body generally centered on an axis and having an
4 outer surface formed with a radially outwardly open helicoidal
5 groove of a cross-sectional shape generally corresponding to a
6 cross-sectional shape of the tubing, whereby the tubing can be
7 fitted to the groove in heat-exchange contact with the body, the
8 outer surface being tapered axially such that substantially all
9 of the groove can be seen from a point axially offset from the
10 body; and

11 means for heating or cooling the body.

1 2. The apparatus defined in claim 1 wherein the outer
2 surface is substantially frustoconical.

1 3. The apparatus defined in claim 1 wherein the groove
2 is of part-circular section.

1 4. The apparatus defined in claim 1, further
2 comprising
3 means for mounting the body to an IV rack with the axis
4 generally horizontal.

1 5. The apparatus defined in claim 1, further
2 comprising
3 an annularly continuous insulating sleeve fitting
4 snugly over the outer surface and radially outwardly closing the
5 groove.

1 6. The apparatus defined in claim 5, further
2 comprising
3 means for releasably securing the sleeve on the
4 surface.

1 7. The apparatus defined in claim 6, further
2 comprising
3 a hinge mounting the sleeve on the body.